

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	957	(623/17.14 or 623/17.15 or 623/17.16).ccls. and (ball or concave or convex or socket or spher\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
L2	562	1 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
L3	650	1 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
L4	826	2 3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
L5	14	("4759766"   "5314477"   "5401269"   "5534029"   "5674296"   "5676701"   "5888226"   "5895428"   "5899941"   "6063121"   "6146421"   "6368350"   "6540785"   "6645248").PN. OR ("7048764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:45
S1	487	623/17.14.ccls. or 623/17.15.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:33
S2	1303	(623/17.11 or 623/17.12 or 623/17.13 or 623/17.14 or 623/17.15 or 623/17.16).ccls. and (ball or concave or convex or socket or sphere)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:27
S3	280	S1 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S4	334	S1 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S5	422	S3 S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34

## EAST Search History

S6	30	(US-20060195192-\$ or US-20060122703-\$ or US-20060116768-\$ or US-20060036326-\$ or US-20060036325-\$ or US-20050283245-\$ or US-20050256581-\$ or US-20050240273-\$ or US-20050197705-\$ or US-20050187633-\$ or US-20050107881-\$ or US-20040153159-\$ or US-20040143332-\$ or US-20040133278-\$ or US-20040111160-\$ or US-20040030391-\$ or US-20040024460-\$ or US-20040002761-\$).did. or (US-7048764-\$ or US-6881228-\$ or US-6682562-\$ or US-6679915-\$ or US-6440168-\$ or US-6416551-\$ or US-6368350-\$ or US-6146421-\$ or US-5895428-\$ or US-5556431-\$ or US-5401269-\$ or US-4759766-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/17 12:58
S7	18	S6 and translation	US-PGPUB; USPAT	OR	ON	2006/09/17 12:58